

Date Mailed: March 13, 2001

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Form 1449*

INFORMATION DISCLOSURE STATEMENT
IN AN APPLICATION

Docket Number: 5104.05

Application Number: 09/783,923

Applicant: Robert J. McMillen et al.

Filing Date: February 14, 2001

Group Art Unit: 2152

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ll</i>	3,29,446	12/06/66	Ceonzo	_____	_____	
<i>ll</i>	3,317,676	05/02/67	Ekbergh et al.	_____	_____	
<i>ll</i>	3,491,211	01/20/70	Bininda et al.	_____	_____	
<i>ll</i>	3,581,286	05/25/71	Beausolell	_____	_____	
<i>ll</i>	3,582,560	06/01/71	Banks	_____	_____	
<i>ll</i>	3,693,155	09/19/72	Crafton et al.	_____	_____	
<i>ll</i>	3,963,872	06/15/76	Hagstrom et al.	_____	_____	
<i>ll</i>	4,022,982	05/10/77	Hemdal	_____	_____	
<i>ll</i>	4,038,638	07/26/77	Hwang	_____	_____	
<i>ll</i>	4,074,072	02/14/78	Christensen et al.	_____	_____	
<i>ll</i>	4,075,693	02/21/78	Fox et al.	_____	_____	
<i>ll</i>	4,081,612	03/28/78	Hafner	_____	_____	
<i>ll</i>	4,146,749	03/27/79	Pepping et al.	_____	_____	
<i>ll</i>	4,173,713	06/06/79	Giesken	_____	_____	
<i>ll</i>	4,177,514	12/04/79	Rupp	_____	_____	
<i>ll</i>	4,201,889	05/06/80	Lawrence et al.	_____	_____	
<i>ll</i>	4,201,891	05/06/80	Lawrence et al.	_____	_____	
<i>ll</i>	4,237,447	12/02/80	Clark	_____	_____	
<i>ll</i>	4,247,892	01/27/81	Lawrence	_____	_____	
<i>ll</i>	4,251,879	02/17/81	Clark	_____	_____	
<i>ll</i>	4,307,446	12/22/81	Barton et al.	_____	_____	
<i>ll</i>	4,317,193	02/23/82	Joel Jr.	_____	_____	
<i>ll</i>	4,344,134	08/10/82	Barnes	_____	_____	
<i>ll</i>	4,347,498	08/31/82	Lee et al.	_____	_____	
<i>ll</i>	4,412,285	10/25/83	Neches et al.	_____	_____	
<i>ll</i>	4,417,244	11/22/83	Melas	_____	_____	
<i>ll</i>	4,417,245	11/22/83	Melas	_____	_____	
<i>ll</i>	4,445,171	04/24/84	Neches	_____	_____	
<i>ll</i>	4,456,987	06/26/84	Wirsing	_____	_____	
<i>ll</i>	4,466,060	08/14/84	Riddle	_____	_____	

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ll	4,481,623	11/06/84	Clark		
↑	4,484,262	11/20/84	Sullivan		
	4,486,877	12/04/84	Turner		
	4,491,945	01/01/85	Turner		
	4,494,185	01/15/85	Gunderson et al.		
	4,518,960	05/21/85	Clark		
	4,523,273	06/11/85	Adams, III et al.		
	4,540,000	11/10/70	Bencher		
	4,543,630	09/24/85	Neches		
	4,550,397	10/25/85	Turner		
	4,561,090	12/24/85	Turner		
	4,577,308	03/18/86	Larson		
	4,621,359	11/04/86	McMillen		
	4,622,632	11/11/86	Tanimoto et al.		
	4,623,996	11/18/86	McMillen		
	4,630,258	12/16/86	McMillen		
	4,630,260	12/16/86	Toy et al.		
	4,633,394	12/30/86	Georgiou et al.		
	4,638,475	01/20/87	Koike		
	4,651,318	03/17/87	Luderer		
	4,656,622	04/07/87	Lea et al.		
	4,661,947	04/28/87	Lea et al.		
	4,663,620	05/05/87	Paul et al.		
	4,670,871	06/02/87	Vaidya		
	4,679,186	07/07/87	Lea		
	4,695,999	09/22/87	Lebizay		
	4,701,906	10/20/87	Ransom et al.		
	4,706,150	11/10/87	Lebizay et al.		
	4,707,781	11/17/87	Sullivan		
↓	4,731,825	03/15/88	Wojcinski et al.		
	4,731,878	03/15/88	Vaidya		
ll	4,734,907	03/29/88	Turner		

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4,740,954	04/26/88	Cotton	
4,742,511	05/03/88	Johnson	
4,745,593	05/17/88	Stewart	
4,761,780	08/02/88	Bingham	
4,766,534	08/23/88	DeBenedictis	
4,780,873	10/25/88	Mattheyses	
4,782,478	11/01/88	Day Jr. et al.	
4,785,446	11/15/88	Dias et al.	
4,809,362	02/28/89	Claus et al.	
4,811,210	03/07/89	McAulay	
4,814,973	03/21/89	Hillis	
4,814,979	03/21/89	Neches	
4,814,890	03/21/89	Peterson	
4,817,084	03/28/89	Arthurs et al.	
4,829,227	05/1989	Turner	
4,833,468	05/23/89	Larson et al.	
4,833,671	05/23/89	Becker et al.	
4,845,722	07/04/89	Kent et al.	
4,845,736	07/04/89	Posner et al.	
4,845,744	07/04/89	DeBenedictis	
4,847,755	07/11/89	Morrison et al.	
4,849,751	07/18/89	Barber et al.	
4,860,201	08/22/89	Stolfo et al.	
4,864,558	09/05/89	Imagawa et al.	
4,866,701	09/12/89	Giacopelli et al.	
4,925,311	05/15/90	Neches et al.	
4,945,471	07/31/90	Neches	
4,962,497	10/1990	Ferenc et al.	
5,006,978	04/09/91	Neches	
5,022,025	06/04/91	Urushidani et al.	
5,088,091	02/11/92	Schroeder et al.	
5,119,270	06/1992	Terry	

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G&C 30145.1-US-C5

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ll	5,119,369	06/02/92	Tanabe et al.		
ll	5,121,384	06/09/92	Ozeki et al.		
	5,131,041	07/14/92	Brunner et al.		
	5,199,027	03/30/93	Barri		
	5,214,642	05/25/93	Kunimoto et al.		
ll	5,522,046	05/28/96	McMillen et al.		

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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ll	0.404 423	12/27/90	Europe				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

ll	R.J. McMillen, "A Study of Multistage Interconnection Networks: Design, Distributed Control, Fault Tolerance, and Performance, PhD Thesis, Purdue University, December 1982.
ll	Dr. Philip M. Neches, "THE YNET: An Interconnect Structure for a Highly Concurrent Data Base System", Teradata Corporation, 1988.
ll	R.D. Rettberg, W.R. Crother, P.P. Carvey, and R.S. Tonalanson, "The Monarch Parallel Processor Hardware Design", <u>Computer</u> , April 1990, pp. 18-30.
ll	L. R. Goke and G.J. Lipovski, "Banyan Networks for Partitioning Multiprocessor Systems", <u>Proceedings of the First Annual Symposium on Computer Architecture</u> , 1973, PP. 21-28.
ll	T. Feng, "A Survey of Interconnection Networks", <u>Computer</u> , December 1981, pp. 12-27
ll	D.P. Agrawal, "Testing and Fault Tolerance of Multistage Interconnection Networks", <u>Computer</u> , April 1982, pp. 41-53
ll	Burroughs Corporation, "Final Report: Numerical Aerodynamic Simulation Facility; Feasibility Study", March 1979.
ll	G.F. Pfister, W.C. Brantley, D.A. George, S.L. Harvey, W.J. Kleinfelder, K.P. McAuliffe, E.A. Melton, V.A. Norton, and J. Weiss, "The IBM Research Parallel Processor Prototype (RP3): Introduction and Architecture", <u>Proceedings of the 1985 International Conference on Parallel Processing</u> , 1985, pp. 764-771.
ll	G.F. Pfister and V.A. Norton, "Hot Spot Contention and Combining in Multistage Interconnection Networks", <u>Proceedings of the 1985 International Conference on Parallel Processing</u> , 1985, PP. 790-797.
ll	W.C. Brantley, K.P. McAuliffe, and J. Weiss, "RP3 Processor-Memory Element", <u>Proceedings of the 1985 International Conference on Parallel Processing</u> , pp. 782-789.
ll	W. Crowther, J. Goodhue, E. Starr, R. Thomas, W. Milliken and T. Blackadar, "Performance Measurements on a 128-node Butterfly TM Parallel Processor" <u>Proceedings of the 1985 International Conference on Parallel Processing</u> , 1985, pp. 531-540.

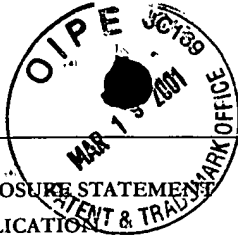
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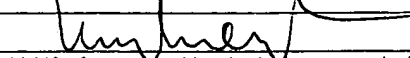
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ll	A. Gottlieb, R. Grishman, C.P. Kuskal, K.P. McAuliffe, L. Rudolph and M. Snir, "The NYU Ultra Computer-Designing an MIMD Shared Memory Parallel Computer", <u>IEEE Transactions on Computers</u> , Vol. C-32, No. 2, February 1983, pp. 175-189.
↑	Leiserson, "Transactions on Computers", <u>IEEE</u> , Vol. C-34, No. 10, October 1985.
↓	Peercy, M. et al., "Distributed Algorithms for Shortest-Path, Deadlock-Free Routing and Broadcasting in Arbitrarily Faulty Hypercubes," International Symposium on Fault Tolerant Computing, (FTCS), June 26-28, 1990, Newcastle Upon Tyne, no. Symp. 20, 26 June 1990, IEEE 1990, pp. 218-225.
↓	Rodeheffer, Thomas L et al., "Automatic Reconfiguration in Autonet," Operating Systems Review (SIGOPS), Vol. 25, No. 5, January 1, 1991, pp. 183-197.
↓	Kulkarni, Ashok K. et al., "Broadcast Reliability Evaluation of Multistage Interconnection Networks," Proceedings of Southeastcon, Williamsburg, April 7-10, 1991, Vol. 1, January 1, 1991, IEEE 1991, pp. 432-436.
ll	Copy of European Patent Office Communication dated November 4, 1998 and Partial European Search Report for European Application No. 92 30 3833.

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